

NBC-USB3.1-UCM/0,5-PVC/UCM - USB cable



1333195

<https://www.phoenixcontact.com/us/products/1333195>

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USB cable, design: USB-C, degree of protection: IP20, cable length: 0.5 m, number of positions: 24, 10 Gbps, cable outlet: straight, USB 3.2 Gen. 1

Your advantages

- High-speed data transmission up to 10 Gbps
- Minimal space requirements thanks to USB-C connectors
- Reliable data transmission thanks to 100 % testing

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1333195 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB14 |
| Product key | ABNDBB |
| GTIN | 4063151630737 |
| Weight per piece (including packing) | 31.2 g |
| Weight per piece (excluding packing) | 31.2 g |
| Customs tariff number | 85444290 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|---------------------|-------------------------|
| Type | USB-C |
| Product type | Data cable preassembled |
| Sensor type | USB 3.2 Gen. 1 |
| Number of positions | 24 |
| Connection profile | USB-C |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

Interfaces

| | |
|--------------------|---------|
| Transmission speed | 10 Gbps |
|--------------------|---------|

Electrical properties

| | |
|---|---------------|
| Rated current | 5 A |
| Insulation resistance | 10 MΩ |
| Test voltage | 300 V AC |
| | 300 V AC |
| Test voltage Core/Core | 300 V AC |
| Test voltage Core/Shield | 300.00 V AC |
| Contact resistance | < 40 mΩ |
| Transmission characteristics (category) | USB 3.2 Gen 1 |
| Transmission speed | 10 Gbps |

Mechanical properties

Mechanical data

| | |
|-------------------------------------|-----------|
| Insertion/withdrawal cycles | > 10000 |
| Insertion force per signal contact | < 20.00 N |
| Extraction force per signal contact | < 8 N |
| Max. bending cycles | 100 |
| Smallest bending radius | 3,7xD |

Material specifications

| | |
|---------------------------|-------|
| Color of the housing part | black |
| Outer sheath, material | PVC |
| Conductor material | Cu |

Dimensions

| | |
|-------|---------|
| Width | 12.1 mm |
|-------|---------|

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| | |
|--------|----------|
| Height | 6.4 mm |
| Length | 42.85 mm |

Connector

Connection 1

| | |
|-----------------------------|--------------------------|
| Type | Plug straight USB type C |
| Shielded | yes |
| Insertion/withdrawal cycles | 10000 |
| Insulation resistance | 10 M Ω |
| Overvoltage category | I |
| Degree of pollution | 2 |
| Degree of protection | IP20 |

Connection 2

| | |
|-----------------------------|--------------------------|
| Type | Plug straight USB type C |
| Shielded | yes |
| Insertion/withdrawal cycles | 10000 |
| Insulation resistance | 10 M Ω |
| Degree of pollution | 2 |
| Degree of protection | IP20 |

Cable/line

| | |
|--------------|--------|
| Cable length | 0.50 m |
|--------------|--------|

PVC USB 3.1 black [USB]

| | |
|---------------------------|---------------------|
| Shielded | yes |
| Cable type | PVC USB 3.1 black |
| Cable type (abbreviation) | USB |
| External cable diameter | 5.00 mm |
| Outer sheath, material | PVC |
| External sheath, color | black |
| Shielding | Aluminum-lined foil |

Environmental and real-life conditions

Test specification

| | |
|---|--------------------------|
| Cold stress | -40 °C/96 h |
| Thermal stress | 85 °C/96 h |
| Corrosive stress | Salt spray test UL364-26 |
| Insulation resistance, neighboring contacts | 10 M Ω |

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -25 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27061801 |
| ECLASS-12.0 | 27061801 |
| ECLASS-13.0 | 27060308 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC003249 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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